

Title (en)

METHOD AND MANUFACTURING SYSTEM FOR MANUFACTURING AN OPTICAL LENS

Title (de)

VERFAHREN UND FERTIGUNGSSYSTEM ZUR FERTIGUNG EINER OPTISCHEN LINSE

Title (fr)

PROCÉDÉ ET SYSTÈME DE FABRICATION DE LENTILLE OPTIQUE

Publication

EP 3890953 A1 20211013 (EN)

Application

EP 19809524 A 20191203

Priority

- EP 18306613 A 20181204
- EP 2019083527 W 20191203

Abstract (en)

[origin: WO2020115061A1] A method for manufacturing an optical lens (100) having at least a reference optical power at a given point is described. This method comprises the steps of: - selecting, among a fixed number of optical elements, one optical element (2) to manufacture the optical lens (100), said step of selecting being executed as a function of the reference optical power at the given point of the optical lens (100), said step of selecting being executed such that the selected optical element (2) has an optical power having an absolute value lower than or equal to the absolute value of the reference optical power at the given point of the optical lens (100), and - manufacturing the optical lens (100) using an additive manufacturing technology by depositing a complementary portion (20) on the selected optical element (2). A manufacturing system for manufacturing an optical lens (100) is also described.

IPC 8 full level

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CPC (source: EP US)

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